

Marsdel

CRF Error Corrected by th STIC Syst 1.3 Branch

1634

3/29/99

Serial Number: 08/319411

CRF Processing Date:
Edited by:
Verified by: (STIC staff)

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Changed a file from non-ASCII to ASCII

Changed the margins in cases where the sequence text was "wrapped" down to the next line.

Edited a format error in the Current Application Data section, specifically:

Edited the Current Application Data section with the actual current number. The number input by the applicant was ☐ the prior application data; or ☐ other

ENTERED

Added the mandatory heading and subheadings for "Current Application Data".

Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

Changed the spelling of a mandatory field (the headings or subheadings), specifically:

Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: 39

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: 66

Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

Inserted colons after headings/subheadings. Headings edited included:

Deleted extra, invalid, headings used by an applicant, specifically:

Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as

Inserted mandatory headings, specifically: (i) SEQ. CATHARAE: (Seq 815)

Corrected an obvious error in the response, specifically:

Edited identifiers where upper case is used but lower case is required, or vice versa.

Corrected an error in the Number of Sequences field, specifically:

A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected:

Other:

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/319,411DATE: 03/31/1999
TIME: 12:01:57

INPUT SET: S31238.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

(1) General Information:

- (i) APPLICANT: Nielsen, et al.
- (ii) TITLE OF INVENTION: PEPTIDE NUCLEIC ACID CONJUGATES
- (iii) NUMBER OF SEQUENCES: 148
- (iv) CORRESPONDENCE ADDRESS:
(A) ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
Norris
(B) STREET: One Liberty Place 46th. Floor
(C) CITY: Philadelphia
(D) STATE: PA
(E) COUNTRY: USA
(F) ZIP: 19103
- (v) COMPUTER READABLE FORM:
(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.25
- (vi) CURRENT APPLICATION DATA:
(A) APPLICATION NUMBER: 08/319,411
(B) FILING DATE: 06-OCT-94
(C) CLASSIFICATION:
- (vii) PRIOR APPLICATION DATA:
(A) APPLICATION NUMBER: US 08/108,591
(B) FILING DATE: 27-AUG-1993
(C) CLASSIFICATION:
- (vii) PRIOR APPLICATION DATA:
(A) APPLICATION NUMBER: EP/01219
(B) FILING DATE: 22-MAY-1992
(C) CLASSIFICATION:
- (vii) PRIOR APPLICATION DATA:
(A) APPLICATION NUMBER: US 08/088,658
(B) FILING DATE: 02-JUL-1993
(C) CLASSIFICATION:
- (vii) PRIOR APPLICATION DATA:

ENTERED

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/319,411DATE: 03/31/1999
TIME: 12:01:57

INPUT SET: S31238.raw

47 (A) APPLICATION NUMBER: US 08/088,661
48 (B) FILING DATE: 02-JUL-1993
49 (C) CLASSIFICATION:
50

51 (vii) PRIOR APPLICATION DATA:
52 (A) APPLICATION NUMBER: US 08/275,951
53 (B) FILING DATE: 15-JUL-1994
54 (C) CLASSIFICATION:
55

56 (viii) ATTORNEY/AGENT INFORMATION:
57 (A) NAME: Straher, Michael P.
58 (B) REGISTRATION NUMBER: 38,325
59 (C) REFERENCE/DOCKET NUMBER: ISIS-1158
60

61 (ix) TELECOMMUNICATION INFORMATION:
62 (A) TELEPHONE: 215-568-3100
63 (B) TELEFAX: 215-568-3439
64

65
66 (2) INFORMATION FOR SEQ ID NO:1:
67

68 (i) SEQUENCE CHARACTERISTICS:
69 (A) LENGTH: 4 base pairs
70 (B) TYPE: nucleic acid
71 (C) STRANDEDNESS: single
72 (D) TOPOLOGY: linear
73

74 (ii) MOLECULE TYPE: nucleic acid

75
76 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
7778 GCAT 4
79
8081 (2) INFORMATION FOR SEQ ID NO:2:
82

83 (i) SEQUENCE CHARACTERISTICS:
84 (A) LENGTH: 4 base pairs
85 (B) TYPE: nucleic acid
86 (C) STRANDEDNESS: single
87 (D) TOPOLOGY: linear
88

89 (ii) MOLECULE TYPE: nucleic acid

90
91 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
9293 GCAT 4
94
9596 (2) INFORMATION FOR SEQ ID NO:3:
97

98 (i) SEQUENCE CHARACTERISTICS:
99 (A) LENGTH: 4 base pairs

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/319,411DATE: 03/31/1999
TIME: 12:01:57

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100 (B) TYPE: nucleic acid
101 (C) STRANDEDNESS: single
102 (D) TOPOLOGY: linear
103
104 (ii) MOLECULE TYPE: nucleic acid
105
106 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
107
108 GCAT
109
110
111 (2) INFORMATION FOR SEQ ID NO:4:
112
113 (i) SEQUENCE CHARACTERISTICS:
114 (A) LENGTH: 4 base pairs
115 (B) TYPE: nucleic acid
116 (C) STRANDEDNESS: single
117 (D) TOPOLOGY: linear
118
119 (ii) MOLECULE TYPE: nucleic acid
120
121 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
122
123 GCAT
124
125
126 (2) INFORMATION FOR SEQ ID NO:5:
127
128 (i) SEQUENCE CHARACTERISTICS:
129 (A) LENGTH: 4 base pairs
130 (B) TYPE: nucleic acid
131 (C) STRANDEDNESS: single
132 (D) TOPOLOGY: linear
133
134 (ii) MOLECULE TYPE: nucleic acid
135
136 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
137
138 GCAT
139
140
141 (2) INFORMATION FOR SEQ ID NO:6:
142
143 (i) SEQUENCE CHARACTERISTICS:
144 (A) LENGTH: 4 base pairs
145 (B) TYPE: nucleic acid
146 (C) STRANDEDNESS: single
147 (D) TOPOLOGY: linear
148
149 (ii) MOLECULE TYPE: nucleic acid
150
151 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
152

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/319,411DATE: 03/31/1999
TIME: 12:01:58

INPUT SET: S31238.raw

GCAT

4

(2) INFORMATION FOR SEQ ID NO:7:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 4 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

GCAT

4

(2) INFORMATION FOR SEQ ID NO:8:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 4 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

GCAT

4

(2) INFORMATION FOR SEQ ID NO:9:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 4 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: nucleic acid

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

GCAT

4

(2) INFORMATION FOR SEQ ID NO:10:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 4 base pairs

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/319,411DATE: 03/31/1999
TIME: 12:01:58

INPUT SET: S31238.raw

206 (B) TYPE: nucleic acid
207 (C) STRANDEDNESS: single
208 (D) TOPOLOGY: linear
209
210 (ii) MOLECULE TYPE: nucleic acid
211
212 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
213
214 GCAT
215
216
217 (2) INFORMATION FOR SEQ ID NO:11:
218
219 (i) SEQUENCE CHARACTERISTICS:
220 (A) LENGTH: 4 base pairs
221 (B) TYPE: nucleic acid
222 (C) STRANDEDNESS: single
223 (D) TOPOLOGY: linear
224
225 (ii) MOLECULE TYPE: nucleic acid
226
227 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:
228
229 GCAT
230
231
232 (2) INFORMATION FOR SEQ ID NO:12:
233
234 (i) SEQUENCE CHARACTERISTICS:
235 (A) LENGTH: 4 base pairs
236 (B) TYPE: nucleic acid
237 (C) STRANDEDNESS: single
238 (D) TOPOLOGY: linear
239
240 (ii) MOLECULE TYPE: nucleic acid
241
242 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:
243
244 GCAT
245
246
247 (2) INFORMATION FOR SEQ ID NO:13:
248
249 (i) SEQUENCE CHARACTERISTICS:
250 (A) LENGTH: 4 base pairs
251 (B) TYPE: nucleic acid
252 (C) STRANDEDNESS: single
253 (D) TOPOLOGY: linear
254
255 (ii) MOLECULE TYPE: nucleic acid
256
257 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:
258

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/319,411DATE: 03/31/1999
TIME: 12:01:59

INPUT SET: S31238.raw

***** PREVIOUSLY ERRORED SEQUENCES - EDITED *****

633 (2) INFORMATION FOR SEQ ID NO:39:
634
635 (i) SEQUENCE CHARACTERISTICS:
636 (A) LENGTH: 5 base pairs
637 (B) TYPE: nucleic acid
638 (C) STRANDEDNESS: single
639 (D) TOPOLOGY: linear
640
641 (ii) MOLECULE TYPE: nucleic acid
642
643 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:39:
644
645 TTCTT
646

5

1034 (2) INFORMATION FOR SEQ ID NO:66:
1035
1036 (i) SEQUENCE CHARACTERISTICS:
1037 (A) LENGTH: 12 base pairs
1038 (B) TYPE: nucleic acid
1039 (C) STRANDEDNESS: single
1040 (D) TOPOLOGY: linear
1041
1042 (ii) MOLECULE TYPE: nucleic acid
1043
1044
1045 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:66:
1046
1047 CCAGGCUCAG AT
1048

12

1318 (2) INFORMATION FOR SEQ ID NO:85:
1319
1320 (i) SEQUENCE CHARACTERISTICS:
1321 (A) LENGTH: 20 base pairs
1322 (B) TYPE: nucleic acid
1323 (C) STRANDEDNESS: single
1324 (D) TOPOLOGY: linear
1325
1326 (ii) MOLECULE TYPE: nucleic acid
1327
1328 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:85:
1329
1330 CTGTCTCCAT CCTCTTCACT
1331
1332
1333

20

PAGE: 7

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/319,411

DATE: 03/31/1999
TIME: 12:01:59

INPUT SET: S31238.raw

PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/319,411

DATE: 03/31/1999

TIME: 12:01:59

INPUT SET: S31238.raw

Line	Error	Original Text
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RAW SEQUENCE LISTING
PATENT APPLICATION US/08/319,411DATE: 03/29/1999
TIME: 14:05:25

INPUT SET: S31238.raw

This Raw Listing contains the General
Information Section and those Sequences
containing ERRORS.

SEQUENCE LISTING

Does Not Comply
Corrected Diskette Needed

(1) General Information:

- (i) APPLICANT: Nielsen, et al.
- (ii) TITLE OF INVENTION: PEPTIDE NUCLEIC ACID CONJUGATES
- (iii) NUMBER OF SEQUENCES: 148
- (iv) CORRESPONDENCE ADDRESS:
(A) ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
Norris
(B) STREET: One Liberty Place 46th. Floor
(C) CITY: Philadelphia
(D) STATE: PA
(E) COUNTRY: USA
(F) ZIP: 19103
- (v) COMPUTER READABLE FORM:
(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.25
- (vi) CURRENT APPLICATION DATA:
(A) APPLICATION NUMBER: 08/319,411
(B) FILING DATE: 06-OCT-94
(C) CLASSIFICATION:
- (vii) PRIOR APPLICATION DATA:
(A) APPLICATION NUMBER: US 08/108,591
(B) FILING DATE: 27-AUG-1993
(C) CLASSIFICATION:
- (viii) PRIOR APPLICATION DATA:
(A) APPLICATION NUMBER: EP/01219
(B) FILING DATE: 22-MAY-1992
(C) CLASSIFICATION:
- (ix) PRIOR APPLICATION DATA:
(A) APPLICATION NUMBER: US 08/088,658
(B) FILING DATE: 02-JUL-1993
(C) CLASSIFICATION:

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/319,411DATE: 03/29/1999
TIME: 14:05:26

INPUT SET: S31238.raw

46 (vii) PRIOR APPLICATION DATA:
47 (A) APPLICATION NUMBER: US 08/088,661
48 (B) FILING DATE: 02-JUL-1993
49 (C) CLASSIFICATION:
50
51 (vii) PRIOR APPLICATION DATA:
52 (A) APPLICATION NUMBER: US 08/275,951
53 (B) FILING DATE: 15-JUL-1994
54 (C) CLASSIFICATION:
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56 (viii) ATTORNEY/AGENT INFORMATION:
57 (A) NAME: Straher, Michael P.
58 (B) REGISTRATION NUMBER: 38,325
59 (C) REFERENCE/DOCKET NUMBER: ISIS-1158
60
61 (ix) TELECOMMUNICATION INFORMATION:
62 (A) TELEPHONE: 215-568-3100
63 (B) TELEFAX: 215-568-3439
64
65

ERRORED SEQUENCES FOLLOW:

633 (2) INFORMATION FOR SEQ ID NO:39:
634
635 (i) SEQUENCE CHARACTERISTICS:
636 (A) LENGTH: 5 base pairs
637 (B) TYPE: nucleic acid
638 (C) STRANDEDNESS: single
639 (D) TOPOLOGY: linear
640
641 (ii) MOLECULE TYPE: nucleic acid 39
642
--> 643 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7
644
645 TTCTT
646

5

1034 (2) INFORMATION FOR SEQ ID NO:66:
1035
1036 (i) SEQUENCE CHARACTERISTICS:
1037 (A) LENGTH: 12 base pairs
1038 (B) TYPE: nucleic acid
1039 (C) STRANDEDNESS: single
1040 (D) TOPOLOGY: linear
1041
1042 (ii) MOLECULE TYPE: nucleic acid
1043
1044
1045 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:66:

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/319,411DATE: 03/29/1999
TIME: 14:05:26

INPUT SET: S31238.raw

4/2

1046
--> 1047 CCAGGCUCAG AT
1048

1318 (2) INFORMATION FOR SEQ ID NO:85;
1319 (i) SEQUENCE CHARACTERISTICS: *E insert*
--> 1320 (A) LENGTH: 20 base pairs
--> 1321 (B) TYPE: nucleic acid
--> 1322 (C) STRANDEDNESS: single
--> 1323 (D) TOPOLOGY: linear
1324
1325 (ii) MOLECULE TYPE: nucleic acid
1326
--> 1327 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:85:
1328
1329 CTGTCTCCAT CCTCTTCACT
1330
1331
1332

20

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/319,411DATE: 03/29/1999
TIME: 14:05:26**INPUT SET: S31238.raw**

Line	Error	Original Text
643	Wrong Sequence Number	
1047	# of Sequences for line conflicts w/ running total	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
1320	Unknown or Misplaced Identifier	CCAGGCUCAG AT 4
1321	Unknown or Misplaced Identifier	(A) LENGTH: 20 base pairs
1322	Unknown or Misplaced Identifier	(B) TYPE: nucleic acid
1323	Unknown or Misplaced Identifier	(C) STRANDEDNESS: single
1327	Wrong Or Missing Strandedness Value	(D) TOPOLOGY: linear
1327	Wrong or Missing Sequence Topology	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:85:
		(xi) SEQUENCE DESCRIPTION: SEQ ID NO:85: